

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

*(Only for new nonprovisional applications under 37 CFR 1.53(b))*

Attorney Docket No.		57953/1151
First Inventor		Muktar A. Mahajan
Title	NIF-1 IS A NOVEL CO-TRANSDUCER THAT INTERACTS WITH AND REGULATES THE ACTIVITY OF THE NUCLEAR HORMONE RECEPTOR CO-ACTIVATOR, NRC	
Express Mail Label No.	EV138585049US	

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original and a duplicate for fee processing)</i></p> <p>2. <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification [Total Pages 83] (preferred arrangement set forth below)</p> <ul style="list-style-type: none"> <li>- Descriptive title of the invention</li> <li>- Cross Reference to Related Applications (<i>if applicable</i>)</li> <li>- Statement Regarding Fed sponsored R &amp; D (<i>if applicable</i>)</li> <li>- Reference to sequence listing, a table, or a computer program listing appendix (<i>if applicable</i>)</li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings (<i>if filed</i>)</li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul> <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [ Total Sheets 16 ]</p> <p>5. Oath or Declaration [ Total Pages 2 ]</p> <p>a. <input type="checkbox"/> Newly executed (original or copy)</p> <p>b. <input checked="" type="checkbox"/> Unsigned</p> <p>c. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 18 completed)</i></p> <p>i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)</p> <p>6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p>	<p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p> <p>8. Nucleotide and/or Amino Acid Sequence Submission (<i>if applicable, all necessary</i>)</p> <p>a. <input checked="" type="checkbox"/> Computer Readable Form (CRF)</p> <p>b. Specification Sequence Listing on:</p> <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies; or</li> <li>ii. <input checked="" type="checkbox"/> paper</li> </ul> <p>c. <input checked="" type="checkbox"/> Statements verifying identity of above copies</p>
<b>ACCOMPANYING APPLICATION PARTS</b>	
<p>9. <input type="checkbox"/> Assignment Papers (cover sheet &amp; document(s))</p> <p>10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney <i>(when there is an assignee)</i> Attorney</p> <p>11. <input type="checkbox"/> English Translation Document (<i>if applicable</i>)</p> <p>12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of Citations</p> <p>13. <input type="checkbox"/> Preliminary Amendment</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i></p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i></p> <p>16. <input type="checkbox"/> Nonpublication request under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.</p> <p>17. <input type="checkbox"/> Other: _____</p>	

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation     Divisional     Continuation-in-part (CIP)

of prior application No.: \_\_\_\_\_ / \_\_\_\_\_

**Prior application information:**

Examiner \_\_\_\_\_

Group / Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

Customer Number or Bar Code Label      or       Correspondence address below

Name	Nixon Peabody LLP Clinton Square, P.O. Box 31051				
Address					
City	Rochester	State	NY	Zip Code	14603-1051
Country	USA	Telephone	(585) 263-1672	Fax	(585) 263-1600

Name (Print/Type)	Georgia Evans	Registration No. (Attorney/Agent)	44,597
Signature		Date	

R707920.1

# FEE TRANSMITTAL FOR FY 2003

Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** (\$1,014)

Complete if Known	
Application Number	To Be Assigned
Filing Date	Herewith
First Named Inventor	Muktar A. Mahajan
Examiner Name	To Be Assigned
Art Unit	To Be Assigned
Attorney Docket No.	57953/1151

METHOD OF PAYMENT (check all that apply)					FEE CALCULATION (continued)				
<input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None					<b>3. ADDITIONAL FEES</b>				
<input type="checkbox"/> Deposit Account: Deposit Account Number <b>14-1138</b>					<b>Large Entity</b> <b>Small Entity</b>				
<input type="checkbox"/> Deposit Account Name <b>Nixon Peabody LLP</b>					<b>Fee Code</b> <b>Fee (\$)</b>	<b>Fee Code</b> <b>Fee (\$)</b>	<b>Fee Description</b>		
					1051	130	2051	65	Surcharge - late filing fee or oath
					1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet
					1053	130	1053	130	Non-English specification
					1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination
					1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action
					1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action
					1251	110	2251	55	Extension for reply within first month
					1252	410	2252	205	Extension for reply within second month
					1253	930	2253	465	Extension for reply within third month
					1254	1,450	2254	725	Extension for reply within fourth month
					1255	1,970	2255	985	Extension for reply within fifth month
					1401	320	2401	160	Notice of Appeal
					1402	320	2402	160	Filing a brief in support of an appeal
					1403	280	2403	140	Request for oral hearing
					1451	1,510	1451	1,510	Petition to institute a public use proceeding
					1452	110	2452	55	Petition to revive - unavoidable
					1453	1,300	2453	650	Petition to revive - unintentional
					1501	1,300	2501	650	Utility issue fee (or reissue)
					1502	470	2502	235	Design issue fee
					1503	630	2503	315	Plant issue fee
					1460	130	1460	130	Petitions to the Commissioner
					1807	50	1807	50	Processing fee under 37 CFR 1.17(q)
					1806	180	1806	180	Submission of Information Disclosure Stmt
					8021	40	8021	40	Recording each patent assignment per property (times number of properties)
					1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))
					1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))
					1801	750	2801	375	Request for Continued Examination (RCE)
					1802	900	1802	900	Request for expedited examination of a design application
					Other fee (specify) _____				
					*Reduced by Basic Filing Fee Paid			SUBTOTAL (3) (\$ 0)	
CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)]									
<p>I hereby certify that this correspondence is being:</p> <p><input type="checkbox"/> deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop _____, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450</p> <p><input type="checkbox"/> transmitted by facsimile on the date shown below to the United States Patent and Trademark Office at (703) _____.</p>									
					Date _____		Signature _____		
							Typed or printed name _____		

SUBMITTED BY		Complete (if applicable)			
Name (Print/Type)	Georgia Evans	Registration No. (Attorney/Agent)	44,597	Telephone	(585) 263-1672
Signature	<i>Georgia Evans</i>			Date	<i>August 20, 2003</i>

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## EXPRESS MAIL CERTIFICATE

DOCKET NO. : **57953/1151**

APPLICANT(S) : **Muktar A. Mahajan and Herbert H. Samuels**

TITLE : **NIF-1 IS A NOVEL CO-TRANSDUCER THAT INTERACTS  
WITH AND REGULATES THE ACTIVITY OF THE NUCLEAR  
HORMONE RECEPTOR CO-ACTIVATOR, NRC**

Certificate is attached to the Statement in Accordance with 37 C.F.R. § 1.821 (f) (1 page) and the 3.5" Diskette Containing Sequence Listing of the above-named application.

"EXPRESS MAIL" NUMBER: **EV138585049US**

DATE OF DEPOSIT: **August 20, 2003**

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Georgia Evans

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paper or fee)

  
(Signature of person mailing paper or fee)

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Certificate is attached to the **Fee Transmittal for FY 2003 (1 page) (in  
duplicate)** of the above-named application.

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Certificate is attached to the **Utility Patent Application Transmittal (1 page)**  
**(in duplicate)** of the above-named application.

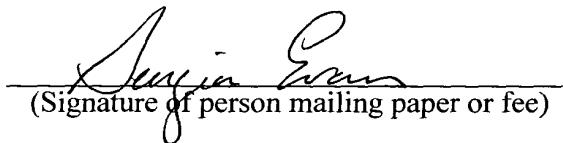
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Certificate is attached to the **Patent Application, Including Specification, Claims and Abstract (83 pages), Sequence Listing (26 pages), and UNSIGNED Combined Declaration and Power of Attorney (2 pages)** of the above-named application.

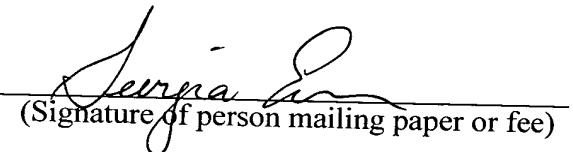
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HORMONE RECEPTOR CO-ACTIVATOR, NRC**

Certificate is attached to the **Formal Drawings (16 pages)** of the  
above-named application.

“EXPRESS MAIL” NUMBER: **EV138585049US**

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Georgia Evans

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paper or fee)



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